

**ERICSSON**

April 19, 2006

**Via Facsimile 571-273-9820**

Mail Stop PCT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Re: Patent Application for:  
"Method, System and Apparatus to Support Hierarchical Mobile IP Services"  
Serial No. 10/595009  
Attorney Docket No. P19316-US2

Dear Sir or Madam:

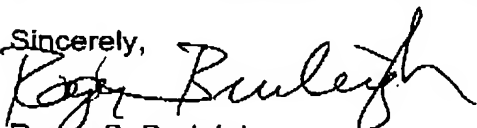
Enclosed for filing please find the following items relating to the above-identified application:

- (1) Copy of Notification of Missing Requirements (2 pages)
- (2) Response to Notification of Missing Requirements (2 pages)
- (3) Copy of Declaration of Inventorship (2 pages)

There is no additional fee for this filing. The commissioner is hereby authorized to charge payment of any additional filing fees required associated with this communication or credit any overpayment to Deposit Account No. 50-1379.

If you have any questions or comments concerning this matter, please feel free to contact the undersigned at 972-583-5799.

Sincerely,

  
Roger S. Burleigh  
Intellectual Property Counsel  
Reg. No. 40,542

RSB/jw

Ericsson Inc.  
6300 Legacy Drive  
Plano, Texas 75024

Telephone: 972-583-0000





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/595,009	Johnson Oyama	P19316-US2

27045  
ERICSSON INC.  
6300 LEGACY DRIVE  
M/S EVR C11  
PLANO, TX 75024

RECEIVED

MAR 17 2006

EUS LEGAL DEPT.

INTERNATIONAL APPLICATION NO.

PCT/SE04/00945

I.A. FILING DATE

06/15/2004

PRIORITY DATE

06/18/2003

CONFIRMATION NO. 1184

371 FORMALITIES LETTER

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100  
\*OC000000018206528\*

Date Mailed: 03/08/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/14/2005
- Copy of the International Search Report filed on 12/14/2005
- Preliminary Amendments filed on 12/14/2005
- Information Disclosure Statements filed on 12/14/2005
- Request for Immediate Examination filed on 12/14/2005
- U.S. Basic National Fees filed on 12/14/2005
- Assignment filed on 12/14/2005
- Priority Documents filed on 12/14/2005
- Power of Attorney filed on 12/14/2005
- Specification filed on 12/14/2005
- Claims filed on 12/14/2005
- Abstracts filed on 12/14/2005
- Drawings filed on 12/14/2005

Docketed:	MR
Due:	5-8-06
Initials:	JW

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$1650 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$1780 for a Large Entity:

- \$130 Surcharge.
- Total additional claim fee(s) for this application is \$ 1650
  - \$1650 for 38 total claims over 20.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/595,009	PCT/SE04/00945	P19316-US2

FORM PCT/DO/EO/905 (371 Formalities Notice)

Attorney Docket No. P19316-US2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Johnson Oyama, *et al.* §  
Serial No: 10/595,009 §  
Filed: December 14, 2005 §  
§  
§

For: Method, System and Apparatus to Support Hierarchical Mobile IP Services

**Via Facsimile - 571-273-9820**

Mail Stop PCT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the USPTO on the date indicated below.

Date: April 19, 2006

*Jacqueline Wilson*  
Jacqueline Wilson

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

In response to the Notification of Missing Requirements dated March 8, 2006, the Applicants submit the following response:

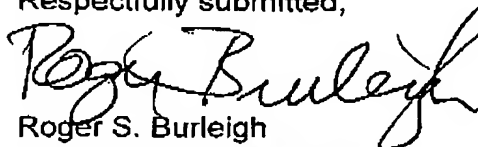
- 1.) The Notice states that the Applicants need to submit supplemental fees of \$1650 for 38 claims in excess of 20. At the time of filing, there were 58 claims pending in the PCT. A Preliminary Amendment was filed concurrently with the application, canceling claims 1-58 and adding new claims 59-83, including 5 independent claims. Accordingly, there are only five (5) extra total claims, including two (2) extra independent claims, for which the appropriate fees were paid. Therefore, the Applicant respectfully submits that no supplemental fees are due.
- 2.) The Notice also states that an oath or declaration, in compliance with 37 C.F.R. §1.497(a) and (b), identifying the application by the international application number and international filing date is required. A Declaration of Inventorship for the purpose of

EUS/J/P:08-1092

## Attorney Docket No. P19316-US2

designation of the United States of America was filed with the PCT Request (Form PCT/RO/101) in compliance with PCT Rule 4.17(iv), a copy of which is included herewith. Therefore, the Applicants respectfully submit that a declaration in compliance with 37 CFR 1.497(a) and (b) was of record in the PCT. Accordingly, it is not necessary to submit a further oath or declaration, and no surcharge for late filing is due.

Respectfully submitted,



Roger S. Burleigh  
Registration No. 40,542

Date: April 19, 2006

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